

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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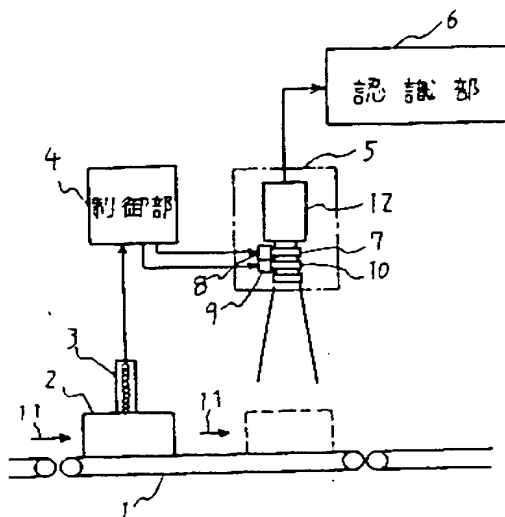
APPLICATION DATE : 23-12-88  
APPLICATION NUMBER : 63326771

APPLICANT : NEC CORP;

INVENTOR : ISHIKAWA TOSHIO;

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TITLE : OPTICAL CHARACTER READER



**ABSTRACT :** **PURPOSE:** To obtain the focused picture of fixed magnification even when the height of a writing surface is different by measuring the height of the writing surface in a parcel to be carried in advance, focusing a lens according to height information and further keeping the magnification of the picture constant.

**CONSTITUTION:** A parcel 2 to be carried in a direction 11 by a conveyer 1 is detected by the photo-electric switch of a height measuring part 3 and a control part 4 operates a lens driving part 8 of a scanner 5 in correspondence to the height information of the height measuring part 3 and moves a focus lens 7. Then, the focus of an optical system in the scanner 5 is matched to the writing surface of the parcel 2. The control part 4 operates a lens driving part 9 in correspondence to the height information of the height measuring part 3 and moves a zoom lens 10 and the size of the picture on the writing surface to be inputted from the scanner 5 is kept constant. In the control part 4, a control table is built in to store data showing the positions of the focus lens 7 and zoom lens 10 for each height which is set in advance. Then, the lens is driven by referring the control table.

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